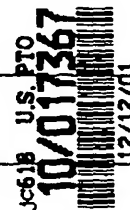


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U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
HP	1,719,443	07/02/1929	Nichterlein			
HP	3,402,364	09/17/1968	De Lang			
HP	3,711,788	01/16/1973	Forkner			
HP	3,976,368	08/24/1976	McCann et al.			
HP	3,982,203	09/21/1976	De Wit			
HP	4,161,436	07/17/1979	Gould			
HP	4,525,034	06/25/1985	Simmons			
HP	5,578,793	03/25/1986	Kane et al. 7			
HP	4,677,639	06/30/1987	Sasser			
	4,740,986	04/26/1988	Reeder			
	4,746,201	05/24/1988	Gould			
	5,026,991	06/25/1991	Goldstein et al.			
	5,276,548	01/04/1994	Margalith			
	5,463,493	10/31/1995	Shah			
	5,483,342	01/09/1996	Rockwell			
	5,528,040	06/18/1996	Lehmann			
	5,835,231	11/10/1998	Pipino			
	5,912,740	06/15/1999	Zare et al.			
	5,973,864	10/26/1999	Lehmann et al.			
	6,097,555	08/01/2000	Lehmann et al.			
	6,172,823	01/09/2001	Lehmann et al.			

FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
HP	63013386	01/20/1988	Japan (Abstract Only)			

OTHER DOCUMENTS

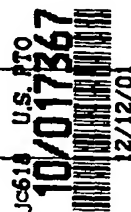
(Including Author, Title, Date, Pertinent Pages, Etc.)

HP	1)	J. White, Long Optical Paths of Large Aperture, 32 J. Opt. Soc. Amer., 285 (May, 1942).
HP	2)	D. Herriott et al., Off-Axis Paths in Spherical Mirror Interferometers, 3 Appl. Opt. (4), 523 (Apr., 1964).
HP	3)	A. O'Keefe & D. Deacon, Cavity Ring-Down Optical Spectrometer for Absorption Measurements Using Pulsed Laser Sources, 59 Rev. Sci. Instrum., 2544 (Dec., 1988).

Examiner	<i>H. H.</i>	Date Considered	9/14/03
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	FILING DATE Herewith	GROUP 2877 To Be Assigned



OTHER DOCUMENTS
 (Including Author, Title, Date, Pertinent Pages, Etc.)

HP		4)	D. Romanini & K. Lehmann, Ring-Down Cavity Absorption Spectroscopy of the Very Weak HCN Overtone Bands With Six, Seven, and Eight Stretching Quanta, 99 <i>J. Chem. Phys.</i> (9), 6287 (Nov. 1, 1993)
HP		5)	G. Rempe et al., Measurement of Ultralow Losses in an Optical Interferometer, 17 <i>Opt. Letters</i> (5), 363 (Mar. 1, 1992).
1		6)	T. Yu & M. Lin, Kinetics of Phenyl Radical Reactions Studied by the "Cavity-Ring-Down" Method, 115 <i>J. Am. Chem. Soc.</i> , 4371 (1993).
		7)	G. Meijer et al., Coherent Cavity Ring Down Spectroscopy, 217 <i>Chemical Physics Letters</i> (1,2), 112 (Jan. 7, 1994).
		8)	J. Scherer et al., Cavity Ring Down Dye Laser Spectroscopy of Jet-Cooled Metal Clusters: Cu ₂ and Cu ₃ , 172 <i>Chemical Physics Letters</i> (3,4), 214 (Sep. 7, 1990).
		9)	F. Stoelkel & G. Atkinson, Time Evolution of a Broadband Quasi-cw Dye Laser: Limitation of Sensitivity in Intracavity Laser Spectroscopy, 24 <i>Applied Optics</i> (21), 3591 (Nov. 1, 1985).
		10)	K. Lehmann & D. Romanini, Molecules in the Stellar Environment, <i>Experimental Measurement of Weak Band Intensities in Molecules in the Stellar Environment</i> , (Springer, 1994).
		11)	G. Gould et al., Crossed Roof Prism Interferometer, 1 <i>Applied Optics</i> (4), 533 (July 1962).
		12)	A. Pipino et al., Evanescent Wave Cavity Ring-Down Spectroscopy with a Total-Internal Reflection Minicavity, 68 (8) <i>Rev. Sci. Instrum.</i> , 2978 (August 1997).
		13)	Stewart G, Atherton K, Yu H, Culshaw B. "An investigation of an optical fibre amplifier loop for intra-cavity and ring-down cavity loss measurements." <i>Meas. Sci. Technol.</i> 12: 843-849 (2001).
		14)	Dmitriev AL, Yanshen Z, Xinyu M. "Optical-fiber passive ring resonator in a low-mode radiation-propagation regime." <i>J. Opt. Technol.</i> 67: 219-221 (2000)
		15)	Blair S, Chen Y. "Resonant-enhanced evanescent-wave fluorescence biosensing with cylindrical optical cavities." <i>Applied Optics</i> . 40: 570-582 (2001)
		16)	Littlejohn D, Lucas D, Han L. "Bent Silica Fiber Evanescent Absorption Sensors for Near-Infrared Spectroscopy." <i>Applied Spectroscopy</i> . 53: 845-849 (1999)
		17)	Messica A, Greenstein A, Katzir A. "Theory of fiber-optic evanescent-wave spectroscopy and sensors." <i>Applied Optics</i> 35: 2274-2284 (1996)
HP		18)	Trautmann et al., "Determination of the Deuterium Abundance in Water Using a CW Chemical DF Laser", <i>Appl Phys.</i> , 24: No. 1, 49-53 (1981)
HP		19)	Spammer, S, Swart, P, Booysen, A. "Interferometric distributed optical-fiber sensor", <i>Applied Optics</i> Vol. 35, No. 22: 4522-4525 (August 1996)

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